

NEW DISTRIBUTION RECORDS FOR SOME NORTHERN QUEENSLAND BUTTERFLIES

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The following new records extend the known distribution of eight species of butterflies collected between January 1985 and July 1988 in northern Queensland. Three of these are significant range extensions from those given in Common and Waterhouse (1981). For those species where the new location falls approximately midway between recognized subspecies, the closest geographic subspecies has been chosen for convenience until closer relationships can be determined.

HESPERIIDAE

Trapezites macqueeni Kerr and Sands. Three males were taken on Mt Stuart, Townsville, on 25th April 1986. The species was previously recorded as far south as Paluma, this record extending its range 90 km south-east.

PIERIDAE

Delias ennica nigridius Miskin. A pair of this species was taken at the southern extremity of the Paluma Range, north-west of Townsville on 25th January 1986. The southern limit of this species had previously been at Paluma, 50 km to the north-west.

NYMPHALIDAE

Euploea sylvestre sylvestre (Fabricius). Three specimens were taken at Fish Hole Creek, 35 km east of Karumba on 10th January, 1985. The locality extends its range about 300 km west-north-west. The previous western limit at this latitude was Forsayth, about 250 km west of Ingham.

Phaedyma shepherdii latifasciata (Butler). Two specimens were taken 5 km SW of Townsville, the first on 7th April 1985 and the other on 18th April 1986. The previous known southern limit for this subspecies was Ingham.

Tellervo zoilus zoilus (Fabricius). Previously known as far south as the Paluma Range, a single specimen was taken 5 km south-west of Townsville, on 11th May 1986.

LYCAENIDAE

Theclinesches serpentata serpentata (Herrich-Schäffer). This species was previously known as far north as Mackay until a single specimen was taken 20 km north of Townsville on 27th September 1986.

Theclinessthes sulpitius obscura (Waterhouse and Lyell). This species was common at Cape Cleveland on 1st February and 28th March, 1985 and was previously known as far south as Cairns.

Danis hymetus salamandri W.J. Macleay. Seven specimens were collected at Cooktown in July 1988. This subspecies was previously recorded as far south as the McIvor River, 40 km north of Cooktown.

Reference

COMMON, I.F.B. and WATERHOUSE, D.F. 1981. *Butterflies of Australia*. Pp. xiv + 682. Angus and Robertson, Sydney.

FIRST RECORD OF PSOCOPTERA AS PREY OF AUSTRALIAN SPHECIDAE (HYMENOPTERA)

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Bernard (1934) recorded Psocoptera as prey of the sphecid wasp *Nitela spinolae* Latreille in France and Freeman (1938) and Schneider (1982, 1984) have recorded Psocoptera from the nests of another sphecid, *Rhopalum clavipes* (L.), in England and Luxembourg respectively. Mr N. Rodd collected the following Psocoptera from a nest of *Nitela* sp. at Mount Tomah, N.S.W. on 16.ii.1985.

Cell 1: Elipsocid sp.: 15 nymphs, 2nd - 5th instar. Caeciliid sp.: 1 nymph, final instar. *Peripsocus milleri* (Tillyard): 1 adult female.

Cell 2: Elipsocid sp.: 30 nymphs, probably 3rd and 4th instar.

Nothing has been recorded on the use of Psocoptera as prey by Australian Hymenoptera. The material collected by Mr Rodd is, therefore, of interest as representing the first such record.

References

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